

Yeong-Min Yoo

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

6,094
citations

361413
20
h-index

106344
65
g-index

87
all docs

87
docs citations

87
times ranked

16128
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Potential estrogenic effect(s) of parabens at the prepubertal stage of a postnatal female rat model. <i>Reproductive Toxicology</i> , 2010, 29, 306-316.	2.9	194
3	Melatonin induces apoptotic death in LNCaP cells via p38 and JNK pathways: therapeutic implications for prostate cancer. <i>Journal of Pineal Research</i> , 2009, 47, 8-14.	7.4	128
4	Pectolinarin and Pectolinarigenin of <i>Cirsium setidens</i> Prevent the Hepatic Injury in Rats Caused by D-Galactosamine via an Antioxidant Mechanism. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 760-764.	1.4	97
5	Melatonin suppresses NO-induced apoptosis via induction of Bcl-2 expression in PGT-beta immortalized pineal cells. <i>Journal of Pineal Research</i> , 2002, 33, 146-150.	7.4	67
6	Melatonin Combined with Endoplasmic Reticulum Stress Induces Cell Death via the PI3K/Akt/mTOR Pathway in B16F10 Melanoma Cells. <i>PLoS ONE</i> , 2014, 9, e92627.	2.5	58
7	Melatonin suppresses cyclosporine A-induced autophagy in rat pituitary GH3 cells. <i>Journal of Pineal Research</i> , 2010, 48, 204-211.	7.4	42
8	Effects of Neuropeptides and Mechanical Loading on Bone Cell Resorption in Vitro. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5874-5883.	4.1	38
9	Melatonin Induces Apoptotic Cell Death via p53 in LNCaP Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2010, 14, 365.	1.2	37
10	Melatonin protects against apoptotic and autophagic cell death in C2C12 murine myoblast cells. <i>Journal of Pineal Research</i> , 2011, 50, 241-249.	7.4	35
11	Morusinol Extracted from <i>Morus Alba</i> ; Inhibits Arterial Thrombosis and Modulates Platelet Activation for the Treatment of Cardiovascular Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 516-522.	2.0	35
12	Effects of essential oil from <i>Chamaecyparis obtusa</i> on the development of atopic dermatitis-like skin lesions and the suppression of Th cytokines. <i>Journal of Dermatological Science</i> , 2010, 60, 122-125.	1.9	34
13	Di-(2 ethylhexyl) phthalate and flutamide alter gene expression in the testis of immature male rats. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 104.	3.3	33
14	Bisphenol A and octylphenol exacerbate type 1 diabetes mellitus by disrupting calcium homeostasis in mouse pancreas. <i>Toxicology Letters</i> , 2018, 295, 162-172.	0.8	33
15	Isolation and Morphological Features of Primo Vessels in Rabbit Lymph Vessels. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2012, 5, 201-205.	0.7	32
16	Melatonin Suppresses Autophagy Induced by Clinostat in Preosteoblast MC3T3-E1 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 526.	4.1	32
17	Perinatal Exposure to Triclosan Results in Abnormal Brain Development and Behavior in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4009.	4.1	28
18	Depletion of follicles accelerated by combined exposure to phthalates and 4-vinylcyclohexene diepoxide, leading to premature ovarian failure in rats. <i>Reproductive Toxicology</i> , 2018, 80, 60-67.	2.9	27

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19	Effect of melatonin on mRNA expressions of transcription factors in murine embryonic stem cells. Brain Research, 2011, 1385, 1-7.	2.2	21
20	Cyclosporine A Induces Apoptotic and Autophagic Cell Death in Rat Pituitary GH3 Cells. PLoS ONE, 2014, 9, e108981.	2.5	21
21	Melatonin prevents nitric oxide-induced apoptosis by increasing the interaction between 14-3-3 γ and p-Bad in SK-N-MC cells. Journal of Pineal Research, 2007, 44, 070920204811003-???	7.4	20
22	Melatonin-induced autophagy is associated with degradation of MyoD protein in C2C12 myoblast cells. Journal of Pineal Research, 2012, 53, 289-297.	7.4	20
23	Effects of Bisphenol A and 4-tert-Octylphenol on Embryo Implantation Failure in Mouse. International Journal of Environmental Research and Public Health, 2018, 15, 1614.	2.6	20
24	Uterine expression of sodium/potassium/calcium exchanger 3 and its regulation by sex steroid hormones during the estrous cycle of rats. Molecular Reproduction and Development, 2010, 77, 971-977.	2.0	19
25	Sodium/potassium/calcium exchanger 3 is regulated by the steroid hormones estrogen and progesterone in the uterus of mice during the estrous cycle. Biochemical and Biophysical Research Communications, 2009, 385, 279-283.	2.1	18
26	Melatonin-mediated insulin synthesis during endoplasmic reticulum stress involves HuD expression in rat insulinoma β 2 cells. Journal of Pineal Research, 2013, 55, 207-220.	7.4	18
27	Pharmacological advantages of melatonin in immunosenescence by improving activity of T lymphocytes. Journal of Biomedical Research, 2016, 30, 314-21.	1.6	18
28	Melatonin-induced estrogen receptor α -mediated calbindin-D9k expression plays a role in H ₂ O ₂ -mediated cell death in rat pituitary GH3 cells. Journal of Pineal Research, 2009, 47, 301-307.	7.4	16
29	Involvement of TGF- β 2 Receptor and Integrin-Mediated Signaling Pathways in the Pathogenesis of Granular Corneal Dystrophy II. , 2010, 51, 1832.		16
30	Maturation of Adipocytes is Suppressed by Fluid Shear Stress. Cell Biochemistry and Biophysics, 2017, 75, 87-94.	1.8	16
31	Fluid shear stress and melatonin in combination activate anabolic proteins in MC3T3-E1 osteoblast cells. Journal of Pineal Research, 2013, 54, 453-461.	7.4	14
32	4-tert-Octylphenol Exposure Disrupts Brain Development and Subsequent Motor, Cognition, Social, and Behavioral Functions. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-17.	4.0	14
33	Melatonin-induced calbindin-D9k expression reduces hydrogen peroxide-mediated cell death in rat pituitary GH3 cells. Journal of Pineal Research, 2010, 48, 83-93.	7.4	13
34	Pre-validation study of alternative developmental toxicity test using mouse embryonic stem cell-derived embryoid bodies. Food and Chemical Toxicology, 2019, 123, 50-56.	3.6	12
35	Altered APP Carboxyl-Terminal Processing Under Ferrous Iron Treatment in PC12 Cells. Korean Journal of Physiology and Pharmacology, 2013, 17, 189.	1.2	11
36	Calbindin-D28k in the Brain Influences the Expression of Cellular Prion Protein. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	4.0	11

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37	Cytostatic effects of plant essential oils on human skin and lung cells. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 2008-2018.	1.8	11
38	Sphingosine-1-phosphate (S1P) analog phytosphingosine-1-phosphate (P1P) improves the in vitro maturation efficiency of porcine oocytes via regulation of oxidative stress and apoptosis. <i>Molecular Reproduction and Development</i> , 2019, 86, 1705-1719.	2.0	10
39	The sap of <i>Acer okamotoanum</i> decreases serum alcohol levels after acute ethanol ingestion in rats. <i>International Journal of Molecular Medicine</i> , 2011, 28, 489-95.	4.0	9
40	Combined Fluid Shear Stress and Melatonin Enhances the ERK/Akt/mTOR Signal in Cilia-Less MC3T3-E1 Preosteoblast Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2929.	4.1	9
41	Melatonin-Mediated Intracellular Insulin during 2-Deoxy-d-glucose Treatment Is Reduced through Autophagy and EDC3 Protein in Insulinoma INS-1E Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	4.0	8
42	Rapamycin-induced autophagy decreases Myf5 and MyoD proteins in C2C12 myoblast cells. <i>Toxicology in Vitro</i> , 2019, 58, 132-141.	2.4	8
43	Parathyroid hormone-related protein and glucocorticoid receptor beta are regulated by cortisol in the kidney of male mice. <i>Life Sciences</i> , 2011, 89, 615-620.	4.3	6
44	Nitric oxide prevents H ₂ O ₂ -induced apoptosis in SK-N-MC human neuroblastoma cells. <i>International Journal of Biological Sciences</i> , 2018, 14, 1974-1984.	6.4	6
45	Selective position of individual cells without lysis on a circular window array using dielectrophoresis in a microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	6
46	Decreased Bone Volume and Bone Mineral Density in the Tibial Trabecular Bone Is Associated with Per2 Gene by 405 nm Laser Stimulation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27401-27410.	4.1	5
47	Activation of mTOR for the loss of skeletal muscle in a hindlimb-suspended rat model. <i>International Journal of Precision Engineering and Manufacturing</i> , 2015, 16, 1003-1010.	2.2	5
48	Calbindin-D9k is a Novel Risk Gene for Neurodegenerative Disease. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 438-456.	1.6	5
49	Primary Cilia-Mediated Osteogenic Response to Fluid Flow Occurs via Increases in Focal Adhesion and Akt Signaling Pathway in MC3T3-E1 Osteoblastic Cells. <i>Cellular and Molecular Bioengineering</i> , 2011, 4, 379-388.	2.1	4
50	Streptozotocin-Induced Autophagy Reduces Intracellular Insulin in Insulinoma INS-1E Cells. <i>DNA and Cell Biology</i> , 2018, 37, 160-167.	1.9	4
51	Distribution of and steroid hormone effects on calbindin-D9k in the immature rat brain. <i>Brain Research Bulletin</i> , 2019, 152, 225-235.	3.0	4
52	The effect of steroid hormone on the expression of the calcium-processing proteins in the immature female rat brain. <i>Journal of Chemical Neuroanatomy</i> , 2020, 105, 101767.	2.1	4
53	Human Islet Amyloid Polypeptide Overexpression in INS-1E Cells Influences Amylin Oligomerization under ER Stress and Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11341.	4.1	4
54	Transcriptional and translational expression of calbindin-D9k in the duodenum, kidney and uterus of a female canine model. <i>Journal of Veterinary Science</i> , 2010, 11, 15.	1.3	3

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55	Observation of a Long Primo Vessel in a Lymph Vessel from the Inguinal Node of a Rabbit. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-5.	1.2	3
56	Melatonin mitigates the adverse effect of hypoxia during myocardial differentiation in mouse embryonic stem cells. Journal of Veterinary Science, 2021, 22, e54.	1.3	3
57	Effect of Melatonin on the Gene Expression of Differentiation in Mouse Embryonic Stem Cells.. Biology of Reproduction, 2010, 83, 698-698.	2.7	3
58	Amylin Protein Expression in the Rat Brain and Neuro-2a Cells. International Journal of Molecular Sciences, 2022, 23, 4348.	4.1	3
59	Quantification of temporal changes in 3D osteoclastic resorption pit using confocal laser scanning microscopy. Tissue Engineering and Regenerative Medicine, 2012, 9, 29-35.	3.7	2
60	Data of intracellular insulin protein reduced by autophagy in INS-1E cells. Data in Brief, 2016, 8, 1151-1156.	1.0	2
61	Data on cytotoxicity of plant essential oils in A549 and Detroit 551 cells. Data in Brief, 2020, 32, 106186.	1.0	2
62	Dexamethasone Treatment Increases the Intracellular Calcium Level Through TRPV6 in A549 Cells. International Journal of Molecular Sciences, 2020, 21, 1050.	4.1	2
63	Melatonin influences the expression and oligomerization of amylin in rat INS-1E cells. Journal of Physiology and Pharmacology, 2019, 70, .	1.1	2
64	Nanomolar melatonin influences insulin synthesis and secretion in rat insulinoma INS-1E cells. Journal of Physiology and Pharmacology, 2020, 71, .	1.1	2
65	A Novel Antiviral Protein Derived from Oenanthe javanica: Type I Interferon-Dependent Antiviral Signaling and Its Pharmacological Potential. Biomolecules, 2022, 12, 835.	4.0	2
66	Apoptosis induced by nonspecific effects of siRNA in human umbilical vein endothelial cell. Toxicology and Environmental Health Sciences, 2012, 4, 50-56.	2.1	1
67	Effects of Physical Loading on Adipogenic Differentiation in 3T3-L1 Preadipocytes. Biophysical Journal, 2015, 108, 563a.	0.5	1
68	The Protective Role of Calbindin-D9k on Endoplasmic Reticulum Stress-Induced Beta Cell Death. International Journal of Molecular Sciences, 2019, 20, 5317.	4.1	1
69	Effects of steroid hormone on Calbindin-D9k expression in rat cerebellum. Endocrine Abstracts, 0, , .	0.0	1
70	Cytotoxicity evaluation and mechanism of endocrine-disrupting chemicals by the embryoid body test. Toxicological Research, 0, , .	2.1	1
71	Data on MyoD reduction by autophagy in C2C12 cells. Data in Brief, 2017, 13, 650-654.	1.0	0
72	Effects of Bisphenol A and 4-tert-octylphenol on the embryo implantation in mice. Reproductive Toxicology, 2018, 80, 30.	2.9	0

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73	Melatonin-Induced Estrogen Receptor Beta-Mediated Calbindin-D9k Protein Was Involved in Cell Death by Hydrogen Peroxide in Rat Pituitary GH3 Cells.. Biology of Reproduction, 2009, 81, 592-592.	2.7	0
74	The Reduced Expression of Prion Protein Influences the Expressions of Signal Proteins in Calbindin-D9k and -D28k Knockout and D9k/28k Double Knockout Mice.. Biology of Reproduction, 2010, 83, 389-389.	2.7	0
75	Hot Water Extract of Scutellaria baicalensis Inhibits Migration, Invasion and Tube Formation in a Human Umbilical Vein Endothelial Cell Model and a Rat Aortic Ring Sprouting Model. Journal of Life Science, 2016, 26, 91-100.	0.2	0
76	Assessment of endocrine disrupting chemical screening using differentiated cardiomyocyte from mES cell. Endocrine Abstracts, 0, , .	0.0	0
77	Effect of octyl-phenol and bisphenol A on calcium signaling in cardiomyocyte differentiation of mouse embryonic stem cells. Endocrine Abstracts, 0, , .	0.0	0
78	Effects of dexamethasone for calcium channels and mucin-related genes regulation on A549 cell line. Endocrine Abstracts, 0, , .	0.0	0
79	Gene expression of claudins in NCKX3 knockout mouse. Endocrine Abstracts, 0, , .	0.0	0
80	Melatonin affects hypoxia-stressed cardiomyocyte differentiation of mouse embryonic stem cells. Endocrine Abstracts, 0, , .	0.0	0